

IN THE CLAIMS

Please amend independent claims 1, 4, 5, and 15 by rewriting the same as follows.

A marked-up version of the claims showing the changes thereto is included as an attachment.

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1. (Amended) An information outputting apparatus comprising:

- an extracting means for extracting a program clock reference and a transport packet from an input stream;
- a clock generating means for generating a clock signal synchronized with said program clock reference extracted by said extracting means;
- a time-stamp generating means for generating a time stamp in synchronization with said clock signal generated by said clock generating means;
- an information generating means for generating information representing continuity of time stamps; and
- a discontinuity indicator generating means for generating a discontinuity indicator to indicate that pieces of the time stamp counter are discontinuous.

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4. (Amended) An information outputting method comprising the steps of:

- an extracting step for extracting a program clock reference and a transport packet from an input stream;
- a clock generating step for generating a clock signal synchronized with said program clock reference extracted at said extracting step;

a time-stamp generating step for generating a time stamp in synchronization with said clock signal generated at said clock generating step;

an information generating step for generating information representing continuity of time stamps; and

a discontinuity indicator generating step for generating a discontinuity indicator to indicate that pieces of the time stamp counter are discontinuous.

5. (Amended) A presentation medium used for presenting a program executable by a computer to drive an information outputting apparatus to carry out the steps of:

an extracting step for extracting a program clock reference and a transport packet from an input stream;

a clock generating step for generating a clock signal synchronized with said program clock reference extracted at said extracting step;

a time-stamp generating step for generating a time stamp in synchronization with said clock signal generated at said clock generating step;

an information generating step for generating information representing continuity of time stamps; and

a discontinuity indicator generating step for generating a discontinuity indicator to indicate that pieces of the time stamp counter are discontinuous.

15. (Amended) An information outputting apparatus comprising:

an extracting circuit for extracting a program clock reference and a transport packet from an input stream;